



Attorney's Docket No. 005049 USA/DSM/PMD/JW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Steve Ghanayem et al.

Application No.: 09/912,495

Filed: July 24, 2001

For: IN-SITU STABILIZED HIGH
CONCENTRATION BPSG
FILMS FOR PMD APPLICATION

Examiner: Meeks, Timothy Howard

Art Unit: 1762

Conf. No. 6265

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

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Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on October 1, 2003

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Claire Walters 10/1/2003

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10/09/2003 EHAILE1 00000050 09912495

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

_____ 37 C.F.R. §1.97(b).

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_____ A statement pursuant to 37 C.F.R. §1.97(e) or

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- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

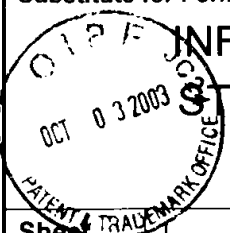
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Dated: 10/1, 2003

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Substitute for Form 1449/PTO		Complete if Known	
		Application Number	09/912,495
		Filing Date	July 24, 2001
		First Named Inventor:	Steve Ghanayem
		Art Unit	1762
		Examiner Name	Meeks, Timothy H.
		Attorney Docket Number	005049 USA/DSM/PMD/JW
Sheet 1	of 2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		US-	2002/0000195 A1	01-03-2002	Bang et al.	RECEIVED OCT 14 2003 TC 1700
		US-	4,557,950	12-10-1985	Foster et al.	
		US-	5,356,722	10-18-1994	Nguyen et al.	
		US-	6,030,445	02-29-2000	Gregg et al.	
		US-	6,091,121	07-18-2000	Oda	
		US-	6,121,164	09-19-2000	Yieh et al.	
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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 843 348 A2	05-20-1998	Applied Materials, Inc.		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of 2

Complete if Known

Application Number	09/912,495
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Art Unit	1762
Examiner Name	Meeks, Timothy H.
Attorney Docket Number	005049 USA/DSM/PMD/JW

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		KERN, WERNER, ET AL., Simultaneous deposition and fusion flow planarization of borophosphosilicate glass in a new chemical vapor deposition reactor, Thin Solid Films, Elsevier-Sequoia S.A., Lausanne, CH, Vol. 206, No. 1/2, December 10, 1991, pages 64-69, XP000355313, ISSN: 0040-6090.	
		MURRELL, ADRIAN J., ET AL., Characterisation of Ultra-Shallow Junctions Using Advanced SIMS, SRP and HRTEM Techniques, Applied Materials, Implant Division, Foundry Lane, Horsham, W. Sussex, RH13 5PY, UK. 5 pages.	
		ROBLES, STUARDO, ET AL., Gap Fill and Film Reflow Capability of Subatmospheric Chemical Vapor Deposited Borophosphosilicate Glass, Reprinted from Journal Of The Electrochemical Society, Vol. 143, No. 4, April 1996, ©1995, pgs. 1414-1421.	
		XIA, L.-Q., ET AL., Process Characteristics for Subatmospheric Chemical Vapor Deposited Borophosphosilicate Glass and Effect of Carrier Gas, Reprinted from Journal Of The Electrochemical Society, Vol. 144, No. 9, September 1997, © 1997, pgs. 3208-3212.	
		XIA, L.-Q., ET AL., High Aspect Ratio Trench Filling Using Two-Step Subatmospheric Chemical Vapor Deposited Borophosphosilicate Glass for <0.18 µm Device Application, Journal of The Electrochemical Society, Manchester, New Hampshire, U.S.A., Vol. 146, No. 5, May 1999, pages 1884-1888, XP001002961, ISSN: 0013-4651	
		Search Report for PCT/US 02/22608, mailed November 7, 2002, 4 pages.	
		Search Report for PCT/US 02/23520, mailed November 25, 2002, 5 pages.	

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English translation is attached.

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